

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

1-14 (Canceled)

15. (Currently Amended) An emulsifiable concentrate comprising an active ingredient being a dinitroaniline compound, an emulsifier or an emulsifier mixture, and a solvent, said concentrate comprising an amount of a diester co-solvent, **having the following formula:**



wherein:

~~**R^1 and R^2 , identical or different, are C_1 - C_{10} , optionally C_1 - C_6 , linear or branched, alkyl, aryl, alkaryl or arylalkyl groups, and**~~

~~**n is an average number of from 2 to 4**~~

wherein the diester co-solvent is a mixture of diisobutyl adipate, diisobutyl glutarate, and diisobutyl succinate.

16. (Previously Presented) The emulsifiable concentrate according to claim 15, wherein the active ingredient is selected from the group consisting of pendimethalin, trifluralin and mixtures thereof.

17. (Canceled)

18. (Currently Amended) The emulsifiable concentrate according to claim ~~17~~ 15, wherein the diester co-solvent comprises:

from 59 to 67 parts by weight of diisobutyl glutarate,

from 20 to 28 parts by weight of diisobutyl succinate, and

from 9 to 7 parts by weight of diisobutyl adipate.

19. (Previously Presented) The emulsifiable concentrate according to claim 15, wherein the solvent is an aromatic hydrocarbon.

20. (Previously Presented) The emulsifiable concentrate according to claim 15, comprising:
at least 330 g/l of the active ingredient, optionally from 400 g/l to 500 g/l,
from 100 to 130 g/l of the emulsifier or mixture of emulsifiers,
from 10 to 30 g/l of the diester co-solvent, and
the solvent, to volume.

21. (Previously Presented) The emulsifiable concentrate according to claim 15, wherein the emulsifier or mixture of emulsifiers is selected from the group consisting of anionic surfactants, nonionic surfactants, and mixtures thereof.

22. (Previously Presented) The emulsifiable concentrate according to claim 21, wherein the anionic surfactants are alkylbenzenesulfonates, dodecylbenzenesulfonates, calcium dodecylbenzenesulfonate, ethoxylated and/or propoxylated di- or tri- styrylphenol phosphates, ethoxylated and/or propoxylated di- or tri-styrylphenol sulfates, phenyl sulfonates, alkynaphtalenesulphonates, ethoxylated and/or propoxylated alcohol phosphate esters, ethoxylated and/or propoxylated alkylaryl phosphate esters, taurates, suphosuccinates, or polycarboxylates,

23. **(Currently Amended)** The emulsifiable concentrate according to claim 21, wherein the nonionic surfactants are ethoxylated and/or propoxylated di- or tri-styrylphenols, ethoxylated and/or propoxylated fatty alcohols, ethoxylated and/or propoxylated fatty amines, ethoxylated and/or propoxylated alkylphenols such as ethoxylated nonylphenols, block copolymers having polypropylene glycol blocks and polyethylene glycol blocks, sorbitan esters, ethoxylated oleic acids, or ethoxylates castor oils.

24. **(Previously Presented)** The emulsifiable concentrate according to claim 21, wherein the mixture of emulsifiers comprises:

at least 50g/l (relative to the emulsifiable concentrate), optionally from 55g/l to 65 g/l, of an alkaline metal or alkaline metal salts of dodecylbenzene sulfonic acid, and

at least 50g/l (relative to the emulsifiable concentrate), optionally from 55g/l to 65g/l, of alkylaryl ethylene oxide/propylene oxide block copolymers.

25. **(Previously Presented)** The emulsifiable concentrate according to claim 15, wherein the mixture of emulsifiers comprises:

at least 50 g/l (relative to the emulsifiable concentrate), optionally from 54 g/l to 72 g/l, of an alkaline metal or alkaline metal salts of dodecylbenzene sulfonic acid, and

at least 40 g/l (relative to the emulsifiable concentrate), optionally from 48 g/l to 66 g/l, for example 54 g/l, of ethoxylated and/or propoxylated di- or tri-styrylphenols.

26. **(Previously Presented)** The emulsifiable concentrate according to claim 15, wherein the active ingredient is pendimethalin and it does not crystallize at 0°C, optionally at -5°C.

27. (Currently Amended) A method for preparing an emulsion in water of an active ingredient being a dinitroaniline compound, optionally selected from the group consisting of pendimethalin, trifluralin and mixtures thereof, comprising the step of mixing 1 part by volume of an emulsifiable concentrate comprising an active ingredient being a dinitroaniline compound, an emulsifier or an emulsifier mixture, and a solvent, said concentrate comprising an amount of a diester co-solvent, ~~having the following formula:~~



~~wherein:~~

~~R¹ and R², identical or different, are C₁-C₁₆, optionally C₁-C₆, linear or branched, alkyl, aryl, alkaryl or arylalkyl groups, and~~

~~n is an average number of from 2 to 4,~~

~~with at least 10 parts of water, and up to 500 parts by volume of water~~

wherein the diester co-solvent is a mixture of diisobutyl adipate, diisobutyl glutarate, and diisobutyl succinate.

28. (Currently Amended) An emulsion comprising:

an active ingredient selected being a dinitroaniline compound,

an emulsifier or a mixture of emulsifiers,

a solvent,

a diester co-solvent ~~having the following formula:~~



~~wherein:~~

~~**R^1 and R^2 , identical or different, are C_1 - C_{10} , optionally C_1 - C_6 , linear or branched, alkyl, aryl, alkaryl or arylalkyl groups, and**~~
 ~~**n is an average number of from 2 to 4, and**~~
~~**water**~~

wherein the diester co-solvent is a mixture of diisobutyl adipate, diisobutyl glutarate, and diisobutyl succinate.

29. (Previously Presented) An emulsion according to claim 28, wherein the active ingredient is selected from the group consisting of pendimethalin, trifluralin and mixtures thereof.

30. (Currently Amended) An emulsion according to claim 29, wherein:

the solvent is an aromatic hydrocarbon;

~~**the diester co-solvent is diisobutyl adipate or a mixture of diisobutyl adipate, diisobutyl glutarate, and diisobutyl succinate.**~~